INTERNATIONAL SEARCH REPORT

Int :ional Application No PCT/IB2004/002560

A. CLASSII IPC 7	FICATION OF SUBJECT MATTER H05K7/14 H05K3/46 H05K3/00									
	1105(3) 00									
According to	International Patent Classification (IPC) or to both national classificat	lion and IPC								
B. FIELDS SEARCHED										
Minimum documentation searched (classification system followed by classification symbols) IPC 7 H05K H01R G06F										
Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched										
1	Electronic data base consulted during the International search (name of data base and, where practical, search terms used)									
EPO-In	ternal, WPI Data, PAJ									
C. DOCUMENTS CONSIDERED TO BE RELEVANT										
Category °	Citation of document, with indication, where appropriate, of the rele	vant passages	Relevant to claim No.							
A	US 2002/181217 A1 (PATRICHE DORIN 5 December 2002 (2002-12-05) paragraph '0036!; figure 4	EL)	1-16							
A	EP 0 438 012 A (IBM) 24 July 1991 (1991-07-24) the whole document	1-16								
А	GB 2 101 411 A (STANDARD TELEPHON LTD) 12 January 1983 (1983-01-12) page 1, lines 71-89; figure 1	1–16								
A	US 5 869 356 A (FULLER JR JAMES W 9 February 1999 (1999–02–09) column 3, lines 37–45; figure 1	1 –1 6								
	-	·/								
	her documents are listed in the continuation of box C.	X Patent family members are listed in	in annex.							
	ategories of cited documents:	*T* later document published after the inte	ernational filing date							
consid	ent defining the general state of the art which is not dered to be of particular relevance	or priority date and not in conflict with cited to understand the principle or th invention	the application but							
"L" docum	ent which may throw doubts on priority, claim(s) or	"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone								
citatio	is cited to establish the publication date of another on or other special reason (as specified)	"Y" document of particular relevance; the cannot be considered to involve an in	delimed invention							
oiner	ent referring to an oral disclosure, use, exhibition or means	ments, such combined with one or mo ments, such combination being obvio	ore other such docu-							
latert		in the art. *&* document member of the same patent family								
Date of the	actual completion of the international search	Date of mailing of the international search report								
1	.7 November 2004	30/11/2004								
Name and	mailing address of the ISA European Patent Office, P.B. 5818 Patentlaan 2	Authorized officer								
	NL - 2280 HV Rijswijk Tel. (+31-70) 340-2040, Tx. 31 651 epo ni, Fax: (+31-70) 340-3016	Batev, P								

INTERNATIONAL SEARCH REPORT

In: ional Application No
PCT/IB2004/002560

0.00	· · · · · · · · · · · · · · · · · · ·	PC1/182004/002560
	ation) DOCUMENTS CONSIDERED TO BE RELEVANT	
Category °	Citation of document, with Indication, where appropriate, of the relevant passages	Relevant to claim No.
Α	US 4 686 607 A (JOHNSON LENNART B) 11 August 1987 (1987-08-11) the whole document	1-16
P,A	US 2004/108137 A1 (LATALL RANDOLPH A ET AL) 10 June 2004 (2004-06-10) the whole document	1-16

Information on patent family members

in tional Application No
PCT/IB2004/002560

						,	., .,
	atent document d in search report		Publication date		Patent family member(s)		Publication date
US	2002181217	A1	05-12-2002	NONE		· · · · · · · · · · · · · · · · · · ·	
EP	0438012	Α	24-07-1991	US	5023754	Α	11-06-1991
				BR	9006652	Α	01-10-1991
				DE	69010655	D1	18-08-1994
				DE	69010655		12-01-1995
				EP	0438012		24-07-1991
				JP	4153808	Α	27-05-1992
GB	2101411	Α	12-01-1983	NONE			
US	5869356	Α	09-02-1999	US	5784260	Α	21-07-1998
US	4686607	Α	11-08-1987	CA	1274887	A1	02-10-1990
				DE			09-07-1987
				FR	2592754	A1	10-07-1987
				GB	2185160	A ,B	08-07-1987
				JP	1587364		19-11-1990
				JP	2008434		23-02-1990
				JP	62222588	Α	30-09-1987
US	2004108137	A1	10-06-2004	WO	2004054333	A2	24-06-2004